

# DANNEMANN SIEMSEN BIGLER & IPANEMA MOREIRA

PROPRIEDADE INDUSTRIAL

Code: 311878002

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June 8, 2005

Fax.: 0049 89 2399 4465

Ref.: PCT - Patent Application N° PCT/BR2004/000141  
filed on August 4, 2004  
**LABORATORIO CATARINENSE S/A**  
Our ref.: P127978-PCT (rdc)  
Re: REPLY to the written opinion attached to the Search Report

Dear Mr. Blasco:

This is in reply to the written opinion of the International Preliminary Examination Authority mailed on November 03, 2004. The reply is submitted within the prescribed time limit (22 months from the claimed priority).

According to the written opinion all claims are accepted (they are new and inventive) except for composition claims 11 to 14 which cannot be regarded as novel since both the plant extracts from *Trichilia* sp. and the preparation of Catuama are well known in the filed of the phytotherapy.

The applicants submits that the these composition claims are novel and inventive as a whole over cited prior arts D1 and D2 since both references fail to mention antiarrhythmic activity or defibrillation. The present invention teaches the use of a plant material of specific species alone or in association with extracts from other appropriate plants in the reversion/combate and/or prevention of ventricular fibrillation.

D1 relates to the treatment or prophylaxis of cerebral vascular dysfunctions using extract of Catuama and the use of a product of the extract of Catuama as an antioxidant or cerebral vasodilator agent. D2 discloses the use of a product of the extract of Catuama as an antithromboembolic agent and the treatment and/or prevention of thromboembolic disorders, e.g. myocardial infarction, using an extract of Catuama. D2.

As stated in the written opinion of the International Searching Authority, there are only a few drugs which offer protection from ventricular fibrillation whereas many have been proposed for protection against myocardial infarction.

Therefore, although the plant extracts from *Trichilia* sp. are already known from the prior art, there is neither suggestion nor teaching in D1 or D2 of the use of a plant material of *Trichilia* sp. species alone or in association with extracts from other plants in the reversion/combate and/or prevention of ventricular fibrillation. The composition as claimed in claims 11-14, as a whole, is therefore new and inventive over D1 and D2.

The confirmation of this letter will follow.

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For the above reasons, the applicants kindly request reconsideration of the objections issued against composition claims 11-14 and the consequent acceptance thereof.

The confirmation of this letter will follow.

Yours faithfully

Carlos C. C. Pires  
Agent for the applicant

Agente da Propriedade Industrial  
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Associado à A.B.A.P.I.

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